

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q77191

Koichi OHTO, et al.

Appln. No.: 10/650,193

Group Art Unit: 2826

Confirmation No.: 6245

Examiner: Alexander O. WILLIAMS

Filed: August 28, 2003

For: SEMICONDUCTOR DEVICE HAVING SILICON-DIFFUSED METAL WIRING  
LAYER AND ITS MANUFACTURING METHOD

**SUBMISSION OF SUBSTITUTE DECLARATION AND POWER OF ATTORNEY**

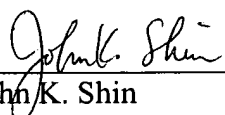
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

Attached please find a Substitute Declaration and Power of Attorney identifying the application by its Application Number and filing date and signed by the inventors on January 17, 2005. The Substitute Declaration replaces the Declaration signed by the inventors on August 18, 2003.

The Examiner is respectfully requested to acknowledge receipt of this Substitute Declaration.

Respectfully submitted,

SUGHRUE MION, PLLC  
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\_\_\_\_\_  
John K. Shin  
Registration No. 48,409

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: March 2, 2005

**DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)**

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SEMICONDUCTOR DEVICE HAVING SILICON-DIFFUSED**

**METAL WIRING LAYER AND ITS MANUFACTURING METHOD**

the application of which  
☐ is attached hereto

OR

☒ was filed on August 28, 2003

as United States Application Number or PCT International Application  
 Number 10/650,193

(Confirmation No. \_\_\_\_\_), and was amended on  
 \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Application Number(s)	Country	Filing Date	Priority Claimed	
			Yes	No
2002-132780	Japan	May 08, 2002	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
2002-302841	Japan	October 17, 2002	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
2003-130484	Japan	May 08, 2003	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim benefit under 35 United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date
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I hereby claim benefit under 35 United States Code §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)	U.S. or International Filing Date	Status
<u>10/281,321</u>	<u>October 28, 2002</u>	<u>abandoned</u>

I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

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**23373**

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF SOLE OR FIRST INVENTOR:</b>			
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Inventor's Signature <i>Toshiyuki Takewaki</i>		Date January 17, 2005	
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Inventor's Signature <i>Tatsuya Usami</i>		Date January 17, 2005	
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Given Name (first and middle [if any])		Family Name or Surname	
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Inventor's Signature <i>Nobuyuki Yamanishi</i>		Date January 17, 2005	
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<b>NAME OF FIFTH INVENTOR:</b>			
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence:		Citizenship	
Mailing Address:			
<b>NAME OF SIXTH INVENTOR:</b>			